



ESC-VU40

COMBINED PILE PROPERTIES

SERIES	UNIT WIDTH W [in] (mm)	HEIGHT H [in] (mm)	THICKNESS t [in] (mm)	MASS [lb/ft] (kg/m)	MASS [lb/ft ³] (kg/m ³)	ELASTIC SECTION MODULUS [in ³ /ft] (cm ³ /m)	TOTAL MOMENT OF INERTIA [in ⁴ /ft] (cm ⁴ /m)	ALLOWABLE BENDING MOMENT [lb-in/ft] (kNm/m)
ESC-VU80	23.62 (600)	9.06 (230)	0.295 (7.5)	7.43 (11.05)	4.53 (22.10)	17.1 (920)	77.2 (10,570)	50,700 (18,80)

M			
L			
K			
J			
I			
H			
G			
F			
E			
D			
C			
B			
A	Initial Revision	01.05.17	JL
Issue	Revision	Date	Init

Notes:
 All dimensions in millimetres
 Proof Strength of uPVC is 65MPa & Ultimate Tensile
 Strength of uPVC is 41MPa to ISO 17823:2010
 Modulus of Elasticity is 2.620GPa to ISO 17823
 Vicat Softening Temperature of 80°C to ASTM 1525

ESC Client:

Distributor:

ESC Group
 7/F, Unit 01, Straits Galleria,
 1624, Shree Nee Street, Joh. Stra. Trn
 No. 1624, Joh. Stra. Trn, Singapore
 Phone: +852 3865 1888
 Email: escglobal@escpile.com

Project Title:



Drawing Title:
ESC-VU40 uPVC Vinyl Sheet Pile

Stamp: _____
 Signature: _____

SECTION DRAWING

Designed	Drawn	Checked	F
JLY	JLY	JLY	
Scale	Date	Job No.	1
NTS	01.04.2017		